

Board Approves Quota Reduction for Faculty of Pharmacy and Pharmaceutical Sciences

Among the items discussed and approved by the Board of Governors on 1 May was a motion calling for the permanent reduction of the quota in the Faculty of Pharmacy and Pharmaceutical Sciences. The reduction is from 130 to 110. Connected to the motion was a statement of the need to maintain the special quality of instruction and to be wary of the limitations of physical facilities. The latter concerns the number of work stations that can be fitted into the Faculty's crowded dispensing laboratory and the availability of suitable external practice sites in hospitals, clinics and pharmacies.

The Educational Affairs Committee (EAC) announced that it has approved 1987-88 Endowment Fund for the Future allocations totalling \$1,578,386.66. The breakdown is as follows: Agriculture and Forestry, \$330,000; Tory Professorships, \$236,250; McCalla Professorships, \$258,386.66; Distinguished Visitors, \$160,000; Support for the

Advancement of Scholarship, \$312,750; University/Community Special Projects, \$110,000; Support for International Development, \$75,000; Conference Fund, \$35,000; Discretionary - Vice-President (Research), \$61,000.

Notice of the appointment of four department chairmen was given by EAC Chairman P.W. Milnthorp. W.A. Bridger, Biochemistry (1 September 1987 to 30 June 1992); D. Fishwick, Classics

(1 July 1987 to 30 June 1992); J.G. MacGregor, Civil Engineering (1 July 1987 to 30 June 1990); and E.W. Romaniuk, Educational Psychology (1 July 1987 to 30 June 1992).

In his report to the Governors, President Horowitz noted that Vice-President (Academic) Peter Meekison was attending the constitutional meetings at Meech Lake, Quebec, in the capacity of

senior adviser to Premier Getty and Federal and Intergovernmental Affairs Minister James Horsman.

Dr. Horowitz also spoke of two new initiatives in the Development Office: membership in the President's Club now stands at 817 members (compared to 579 one year ago), and \$12.7 million in gifts and pledges has been received by the University compared to \$5.7 million last year. □

FOLIO

University of Alberta

7 May 1987

Senate Wants to Revitalize University's Link With the North

The University of Alberta Senate, continually seeking to "stimulate issues of concern and to aid in their resolution", has decided to establish a task force on "the University and the North."

The decision, taken at the 30 April meeting of Senate, was unanimous.

The task force's aim is to help the University define its role in relation to the North (defined by Senate's ad hoc committee on the desirability and feasibility of establishing a task force, as the northern third of Alberta and the Northwest Territories).

The interest in the North stems, in part, from the long-range planning document, "The Next Decade and Beyond: A Plan for the Future." The following wording is contained therein: "The University of Alberta has a particular responsibility to the Northern communities owing to its location and research base. Priority should be given to program initiatives that help meet the needs of these groups."

Senate also wants to re-evaluate the long-standing perception that the University has a "special relationship" with the North.

Chancellor Miller was heard to say that the relationship can't be taken for granted any longer. The ad hoc committee, he said, identified about 300 projects on campus that relate to the North. The strength of the thread between these projects is not known, however.

Invited speakers J.C. Godel (Pediatrics) and Gurston Dacks (Political Science) gave their views of the North.

Dr. Godel, who has worked extensively in the North, stressed that consultation with northern people is fundamental to any initiative.

"Education is an important field to get into; there are virtually no native professionals," he told Senate.

While "southerners" generally do a good job in whatever role they have assumed, they simply aren't in the North long enough to absorb the culture and thus work from true strength.

Dr. Godel said the North is beset by many problems, including alcoholism, substance abuse, pollution, unemployment and mental retardation.

The nurse practitioner program conducted by the University of



Alberta died an untimely death (lack of funding) about four years ago, a fact bemoaned by Dr. Godel.

Other universities, for example, McGill, are making their presence felt in a number of northern communities, Dr. Godel continued. If the University of Alberta is to regain its standing, the northern people must see the institution as a resource which can help them, he suggested.

Professor Dacks said the North is well along the path to

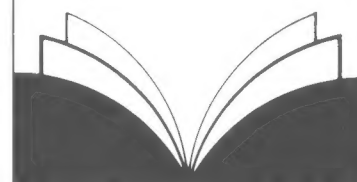
decolonization. Territorial politics are becoming much more coherent at the same time as science and research needs are being sorted out.

"It's now easier for the University to relate to the society of the North; I applaud this undertaking because it will allow

Continued on page two

Contents

- Hyndman named chairman of Project Leadership
- Rutherford Undergraduate Teaching Award winners honored
- Philosopher humming "Deep in the Heart of Texas"



Senate

Continued from page one

us to impress upon them our service role," he said.

"Given the richness of the research material in the North, it's in our best interest to work in partnership with northerners."

Professor Dacks, noting that a strong college system is developing in the North, said the task force should examine various course structures, the possibility of transfer arrangements being worked out and the potential for data base linkages.

On 11 September, Senate's annual out-of-town meeting will take place in Yellowknife. The presentation of briefs by local citizens and a tour of the community will complement Senate's regular agenda.

President's Report

Dr. Horowitz said that by 1 June, each university in the province has to have its view of the funding scheme before ministerial appointee J. Stefan Dupré. L.C. Leitch (Business) and R.J. Crawford (Chemistry) are engaged in the detailed work and will have a draft

statement prepared by mid-May, Dr. Horowitz said. "We feel comfortable in putting forward a whole set of arguments."

University of Alberta proposals totalling \$21 million are now before the provincial government, the President said. The Minister of Advanced Education has \$16 million at his disposal with the possibility of getting another \$10 million. "All our proposals are sound. We may have to wait a while for some of them, but we have no intention of deleting any of them," Dr. Horowitz stated.

Skarin Fund Allocation

Eva Bereti, Chairman of the Emil Skarin Fund Committee, stated that \$5,150 will go to author Bente Roed Cochran and the University of Alberta Press to help pay for the publication of *Printmaking in Alberta, 1945-1985*. The (approximately) 190-page volume is expected to be out in September 1988.

New Senators

James Common, the Reeve of Strathcona County and a resident of Sherwood Park, and Joan Wahl

an employment counsellor in Peace River, are newly elected members of Senate. They replace Cliff Brager of Camrose and Jean Fraser of Edmonton who have completed their second three-year terms.

Other Matters

The Office of Alumni Affairs has been honored by the Council for the Advancement and Support of Education (CASE) in the form of a silver medal in the Alumni Decade Achievement Award competition. Twenty-two entries were evaluated; the jury's decision was based upon the excellence of each school's program.

The Alumni Association's statement on achievement and/or improvement said that, in 1980, the Association consisted of two paid staff and an advisory board which oversaw two programs yearly. "The Association now has a vibrant and hardworking volunteer Council, seven paid staff and over 20 major programs. Possibly the biggest single achievement in that time is that alumni are not only aware of their Association now, but their corresponding support and participation has increased dramatically."

Honorary degree recipient (1 June) Philip Tobias will deliver a public lecture—"The Revolution in Human Evolution"—at 12:15 p.m., 2 June. Dr. Tobias, who heads the Department of Anatomy at the University of Witwatersrand in South Africa, will speak in the Tory Turtle.

Presenting a brief report on the Non-Academic Staff Association, Berry Hsu pointed that in this connection "Non-Academic" is somewhat of a non sequitur: staff in many of the so-called non-academic positions possess not only degrees, but advanced degrees.

Reports were also presented by Bill Yurko (on the work of the Academic Development Committee); Mary Lobay (Board of Governors); Edith Zawadiuk and Dennis Foth (Faculty of Extension, in particular its 75th Anniversary, to be celebrated with a grand party on 26 September and major displays of students' work over the years); Gerry Glassford (whose report on the work of GFC included some heartfelt remarks on the parlous state of library funding); and John Ingbedion for the Graduate Students' Association (who invited the Senate to make use of the GSA as a resource centre).

Mike Hunter's report from the Students' Union included a proposal that the two students who sit on the Alberta Student Finance Board be nominated by Alberta's

two provincial student organizations (instead of as hitherto by MLAs). The motion received majority approval.

Career and Placement Services

Senate members and alumni can be very important in helping students set out on a career path, said Jennifer Yip Choy, first director of University Career and Placement Services in a presentation on the aims and work of her office.

"Our purpose is to help students find suitable employment. We show them how to look not just for a job but for the *right* job for them," said Yip Choy. "Furthermore, for a University to be seen to be first class, its graduates must be in top positions in the country, and it is vital for us to get our graduates in key positions. Senate members can help by establishing links between the University and their communities, and in this way help students keep in touch with employers in Alberta."

Career and Placement Services is the only office of its kind on an Alberta campus. There are, however, similar offices at eastern universities; and in Britain, every university, polytechnic and college of higher education has its own career services office.

Refurbishing the Senate Chamber

The amount raised for enhancement of the Senate Chamber was about \$77,000 (including a matching government grant), Bonnie Kerr reported. About \$57,000 had been wisely spent on refurbishing and refitting "an absolutely beautiful, historical room", where it is hoped the Varley portraits of H.M. Tory and Charles Stewart will hang, and where Tory's desk may also be on display. The room will be ready for use in December, when it will also be available to students for seminars.

It was unanimously agreed that the \$20,000 remaining will be used to establish an endowment fund (eligible for a matching grant) that will both help the Library and honor the recipients of honorary degrees. (Credit for the suggestion seems to be due to Peter Freeman, Chief Librarian.)

Starting this year, the interest from the fund will be used to buy a special book in honor of each person awarded an honorary degree. An announcement to this effect will appear in the Convocation booklets. Each book will carry a notation on the flyleaf, and Freeman hopes to have the books on display at Convocation. □

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University
of
Alberta

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Notices of coming events: 9 a.m. three weeks in advance of desired publication date.
Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements.
Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made.
Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.
Display advertisements: 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

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New Vice-President (Research) Set to Take Office

C Robert (Bob) James has been appointed Vice-President (Research) for a five-year term effective 2 July 1987. He succeeds J. Gordin Kaplan, the University's first Vice-President (Research).

Dr. James has been Chairman of the Department of Electrical Engineering since 1974. During his tenure, the department has grown markedly in both faculty and students and is now the second largest electrical engineering department in the country. Dr. James worked to build the department's capabilities to the point where they would relate closely to the industrial electrical

engineering needs of the province.

He has been instrumental in the creation of a number of new programs and projects within the department. The Computer Engineering Program, a joint venture with the Computing Science Department to give students an opportunity to obtain an education in the computing field, and the cooperative education program, whereby students combine work experience and academic studies, are two programs introduced during Dr. James's tenure.

He has also participated in the establishment of a number of

centres on campus, including the Alberta Microelectronic Centre, the Alberta Laser Institute, the Alberta Telecommunications Research Centre and the University CAD/CAM Centre.

Dr. James joined the Electrical Engineering Department in 1965 after receiving his baccalaureate and graduate degrees from the University of British Columbia.

Dr. Kaplan has served as Vice-President (Research) since July 1981. He will take a year's administrative leave and divide his time between his research and lecturing at several universities throughout the world. □



C.R. James

Hyndman at Forefront of Project Leadership

President Myer Horowitz has announced that former Provincial Treasurer Lou Hyndman, Q.C., has accepted the position as Chairman of the Project Leadership annual fund campaign.

Hyndman spent 19 years in provincial politics, holding a number of cabinet posts, before retiring in 1986 to resume his legal career as a senior member with the Edmonton law firm of Field & Field.

First elected in 1967, Mr. Hyndman was subsequently re-elected in 1971, 1975, 1979 and 1982. During his political career, he was Minister of Education, Minister

of Federal and Intergovernmental Affairs and Government House Leader. His last appointment was as Provincial Treasurer where he was responsible for all aspects of provincial revenue and expenditure, tax policies, investments, financial, fiscal and budgetary procedure, pensions and the Alberta Heritage Savings Trust Fund.

A graduate of the University of Alberta, Mr. Hyndman is a part-time lecturer at his alma mater and the University of Calgary. He is a member of the Board of Directors of several companies, including TransAlta Utilities Ltd.,

Husky Oil Ltd., Asia Pacific Foundation, Western Centre for Economic Research, and the C.D. Howe Institute.

Hyndman will be involved in the fund-raising program organized by the University's Development Office and coordinated by Institutional Development Council (IDC). This

campaign entails inviting nearly 83,000 alumni, via personalized letters and follow-up telephone calls, to make a pledge over a four-year period. The major goal of the Project Leadership phone/mail campaign is to increase participation of alumni in annual giving. The financial target is \$4 million, to be raised over a four-year pledge period. □

University Hosts Student Chemistry Conference

Undergraduate chemistry students from Western Canadian universities will be on campus Friday and Saturday (8 and 9 May) to participate in the 1st Western Canada Student Chemistry Conference, Conception '87.

The primary purpose of the conference is to provide undergraduate chemistry students an opportunity to exchange views and to present results of research projects that they have carried out. Some 25 oral and poster presentations will be given by the students.

The participants will also hear from four eminent Canadian chemists, acting as keynote speakers: P. Legzdins (University of

British Columbia), R.U. Lemieux (University of Alberta), T.B. McMahon (University of Waterloo) and H.L. Yeager (University of Calgary).

Career objectives and job opportunities will be discussed in small group sessions. Twenty professional chemists from regional chemical industries, government laboratories and local schools will provide information to the students in interactive panel-style sessions, most of which will take place in E1-60 Chemistry Building.

Conference organizers are hopeful that this event will encourage other Western universities to host similar conferences in the future. □



Activities

The American Association for Educational Communications and Technology recently announced that **David Baine's** book *Memory and Instruction* (1986), Educational Technology Publications, Englewood Cliffs, N.J., was a close runner-up for the annual award

for the textbook making the most outstanding contribution to the field of instructional development . . . **Roy Berg** (Agriculture and Forestry) is the first recipient of the Canadian Beef Cattle Performance Award in the Category of Outstanding Performance Contributor. In the words of the Hon. John Wise, Federal Minister of Agriculture, Dr. Berg has "developed principles of beef improvement to a significant degree" . . . **Carlos Torres** (Killam Fellow, Educational Foundations) has received a collaborative grant of \$225,000 from the International Development Research Centre for a comparative qualitative study of adult education policy making in Tanzania, Mexico and Canada (the Province of Alberta). The two-year study will start in September 1987 with a meeting (at the University of Alberta) of the principal researcher of each country . . . **Loretta Rose**, who is working towards a master's in International Relations at our University, has been awarded a Pope John Paul II Commemorative Scholarship . . . *Selling the Wild West: Popular Western Fiction, 1860-1960* by **Christine Bold** (English) has been published by Indiana University Press.

The Attainment of Excellence

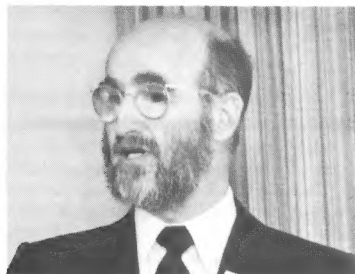
The Rutherford Undergraduate Teaching Award recipients for 1987 were saluted at University House last week. Adolf Buse, Graham Fishburne, Manfred Prokop and David Wangler, judged by students and peers as excellent teachers, received cheques and words of praise from President Horowitz and the plaudits of their families, colleagues and guests. (Seventeen teachers vied for the awards this year; awards have been presented to 21 people since their establishment in 1982.)

Each award winner will also be

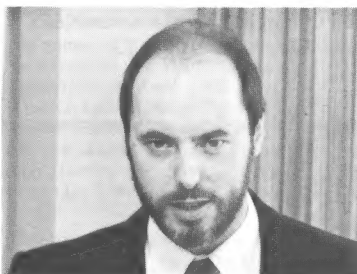
given a plaque at Spring Convocation next month.

Dr. Horowitz quoted from the glowing letters of support written by students and fellow teachers and complimented the Undergraduate Teaching Awards Committee and its secretary, John Laing.

The teaching profession and students are the big winners. Dr. Buse undoubtedly spoke for the other recipients when he stated, "I learn from my students and that's the satisfaction I take from this job." □



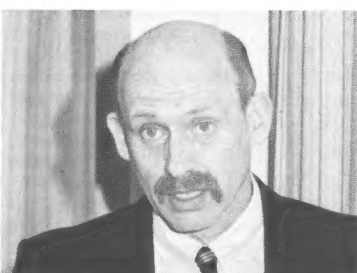
Adolf Buse



Graham Fishburne



Manfred Prokop



David Wangler

Professor of Industrial Forest Management Appointed

James Clark has been appointed as the first Industrial Forest Management Professor in the Faculty of Agriculture and Forestry. Mr. Clark will assume the position at the beginning of the academic term in September 1987.

The full-time position was established for a four-year period by the Alberta Department of Forestry, Lands and Wildlife. The objective is to assist in building closer ties between the forestry program at the University and the forestry industry. The approach will be to reach students through teaching, guest lectures, advising and discussions. Through extension activities, Mr. Clark will be able to convey to students and staff the most critical needs of the forestry industry and encourage the undertaking of research and projects which will benefit both the University and industry.

A native of British Columbia, Mr. Clark received his forestry degree from UBC. He has held management positions with the Alberta and British Columbia Forest Services and for the past 37 years has been involved with the commercial forest industry. He spent 11 years at Northwestern Pulp and Power Ltd. and has also worked for Parsons and Whittemore Inc. and Champion Forest Products (Alberta) Ltd.

Mr. Clark has served as an executive member of numerous organizations, including the Canadian Pulp and Paper Association, Forest Engineering Research Institute of Canada, Alberta Forest Products Association and the Canadian Institute of Forestry. He is currently a member of the Forest Sector Advisory Council. □

Concentration Pays Off, in the Long Run

(Ed. note: Next month, philosopher Niall Shanks leaves campus after a six-year stay in Edmonton. With his doctoral defence a few short weeks away and a job in Dallas waiting, the cheery, courteous English thinker talks about life, thus far.)

Born in Chester, Niall Shanks was bundled off to a "windblown prison camp" of a coastal boarding school at the age of seven. "It was the unhappiest time of my life," says the man declared educationally subnormal by a psychological test at the University of Leeds (aged 17), the same institution that three years later granted him a BA honors in philosophy and politics. By that time, with "a good background in Wittgensteinian thinking and mathematical logic," he headed for his master's at Liverpool where he began to specialize in scientific problems, particularly those relating to quantum mechanics.

He decided to do his PhD in Canada, having heard of the "interesting stuff" being done in his area by David Sharp, who chairs Philosophy here.

"My work demands some technical ability in analytic philosophy, a degree of sophistication in mathematics—in my case probability theory—and a basic grasp of problems and issues in the science of physics, especially quantum physics.

"I'm not an experimentalist. I make no pretence of ever having been to a laboratory. As Ezra Pound once said: 'a philosopher is a scientist too god-damned lazy to get off his ass and go into a laboratory.' That's certainly true in my case. I've concentrated on the theoretical end of things, particularly Bell's Theorem." (In 1964, U.S. physicist J.S. Bell first argued that "classical" interpretation didn't fit the peculiar measurements called quantum spin correlation statistics. His theorem has been a philosophical cause celebre ever since.)

Which is all very nice and interesting too. But is it a living? "More like a lottery," he says. "People like me show up at the American Philosophical Association annual meeting, in the thousands. Nerves get frayed, says the genial Englishman, as candidates wait to see if they're up for interview. Shanks was lucky; all his interviews were arranged in advance, including Southern



Niall Shanks: physics on his mind.

Methodist University and Columbia. SMU interviewed him twice, then flew him to Dallas for more talks and a job offer. When he got back a week later, Columbia was on the phone.

"I was richly rewarded," he beams. SMU, it turned out, had 325 applicants for its one teaching position.

Shanks will be missed, particularly among graduate student ranks. Soon after his Edmonton landfall in 1981, a chance invitation to a beer at the Power Plant led—with astonishing rapidity—to Shanks's presidency of the Graduate Students' Association.

The next day, when he sobered up, he found he was also on the Board of Governors.

He "filled in" as president for six months, served a year as GSA secretary, "to maintain administrative continuity," and would have served a third term, but for his Killam pre-doctoral fellowship. "It was hinted I'd do better to concentrate on my studies than spread the old butter too thinly," he says.

"We've had a very successful six years. The University of Alberta has been very good to me, one way and another, providing an excellent atmosphere for scholarship and an opportunity to get basic teaching experience. My oral defence is set for 22 May, and if all goes well I have a job to go to in Texas.

The hint about concentrating effort was "good advice," he now concedes. "It paid off, in the long run." □

Mothers Wishing to Pursue Sports Don't Have Clear Track

"Mothers aren't born, they're made," says Cathy Bray, Director of the Women's Program and Resource Centre, Faculty of Extension.

Whether they stand a sporting chance depends on their lives—from birth to their own motherhood, says the former hockey goaltender and swimming instructor.

All too often girls are "held and coddled" into socialized passivity, she says. To throw "like a girl" is an early put-down.

"The material is fairly well-known," says Bray, born in rural Saskatchewan, educated at Saskatoon, Queen's (where she became a socialist) and the University of Alberta (where her feminist politics were honed.)

But you have a better chance in sports "if your patterns of motion are allowed to be more free."

School-age boys and girls are the most-studied, for gender differences in sport. In school, the boys get more chances to play sports. Outside school, male access to sports is even greater.

"I don't say, girls want to play sports as much as boys. The question is, why don't they want to?"

Bray says, after puberty it was thought "unfeminine" for girls to play sports. Being feminine, equated with "getting a boyfriend", meant girls rejected sport in favor of their 'social' lives.

And then physical education for girls has traditionally been weaker in program content—often taught by males, into the bargain.

"Same-sex environment in physical activities is important, for participants and teacher," she says. "The experience of women—physically—in the world is different. At worst, a male teacher is condescending, at best less knowledgeable in what it is to be female."

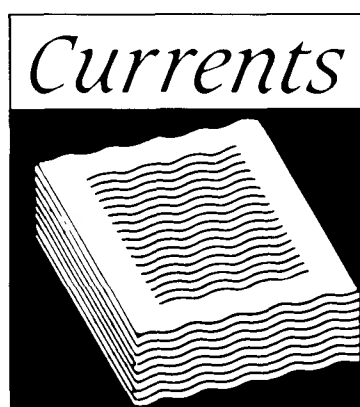
"So women have some strikes against them, even before they get into adulthood." For time-pressed working adults, "class is probably more important an issue than

gender, due to restricted leisure time for working-class people.

"Middle class males participate much more in sports than females. Women have the double day: responsible for taking care of house, kids, as well as their place in the paid labor force."

Men aren't free either, she insists. "But a woman's constraints in pursuing sports are different . . . The key issue is mothering. As we have currently structured it, it takes more time than fathering."* □

**Reprinted from Q and A, published by the University's Office of Public Affairs.*



Early Communication Development Study

Infants and toddlers are needed to fill gaps in subject sample. These include females at 3, 12 and 14 months and from 17 to 25 months and males at 14 months and from 26 to 29 months. The study involves one short videotaping session at the University of Alberta.

Contact Dr. Gary Holdgrafer, Department of Speech Pathology and Audiology, 432-5990.

Conference Folders No Longer Free

For a number of years, the Office of Public Affairs has supplied conference folders to members of the University community. Unfortunately, the cost of producing the folders is such that O.P.A. has been forced to level a charge of 80 cents per folder. Indents are required for large orders.

Devonian Botanic Garden Open to the Public

The University of Alberta Devonian Botanic Garden is open to the public daily (10 a.m. to 6 p.m.) from May to September.

The Garden maintains a labelled and attractively landscaped collection of plants hardy in central Alberta. As well, nature trails abound.

The Garden is situated on Highway 60, 4.8 km north of Devon.

Talks

AHFMR

8 May, 11 a.m. C.A. Pasternek, Department of Biochemistry, St. George's Hospital Medical School, London, England, "Protection Against Membrane Damage Induced by Cytotoxic Agents: From Biophysics to Medicine." B-105 Biological Sciences Building. Sponsored by Vice-President (Research) and Zoology.

8 May, 2 p.m. Chris Higgins, Department of Biochemistry, University of Dundee, Scotland, "Molecular Mechanisms of Transport Across Bacterial Membranes." 2J402 Mackenzie Health Sciences Centre. Hosted by Biochemistry.

Sociology

8 May, noon. James Rinehart, "Quality of Work Life (QWL) Programs: A Critical Analysis." 5-15 Tory Building. Co-sponsored by Arts and Organizational Analysis.

Philosophy

12 May, 3:30 p.m. Hans Kamp, University of Texas at Austin, "The Knower's Paradox." 4-29 Humanities Centre.

14 May, 3:30 p.m. Nicholas Asher, University of Texas at Austin, "Belief." 4-29 Humanities Centre.

Edmonton Map Society

12 May, 7:30 p.m. Iain Taylor, Associate Professor, Geography, Athabasca University, "Origins and Development of the British Ordnance Survey From its 18th Century Origins to the End of the 19th Century." B-7 Tory Building.

The Arts

Exhibitions

FAB Gallery

Until 15 May. Paintings by Libby Weir.

Ring House Gallery

Until 24 May. "Takao Tanabe—Banner Commission." Working drawings and plans for the 1973 public art commission of the 56 silk banners which hang in the well between the second and fourth floors of the Humanities Centre.

Bruce Peel Special Collections

Until 29 May. "Books Are/Books Are Not: Two Decades of Bookworks and Artists' Books, With Some Historical Precedents." A colorful look at the remarkable things that have happened to books since the 1960s. Includes books that are wordless, altered, pop-up and fold-out. Hours: Monday to Friday—8:30 a.m. to 4:30 p.m. B7 Rutherford South.

McMullen Gallery

Until 3 July. "An Alberta Sense of Place." The individual responses of 28 artists to Alberta's dramatically different environments are featured. Hours: Monday to Friday, 10 a.m. to 4 p.m. Walter C. Mackenzie Health Sciences Centre.

Music

7 May, 8 p.m. Recital—Tanya Prochazka, cello, and Janet Scott-Hoyt, piano. Convocation Hall.

Successful Final PhD Oral Examinations

Name	Department	Final Thesis Title
Marilyn Assheton-Smith	Sociology	"Smelser Revisited: A Critical Theory of Collective Behavior"
June Anne Buchanan	Secondary Education	"Art, Society and Art Education: Reclaiming an Enriched Concept of Art"
Colin Austin Chapman	Zoology	"Foraging Strategies, Patch Use, and Constraints on Group Size in Three Species of Costa Rican Primates"
Rati Fotedar	Immunology	"In Vitro Mechanisms of Murine B Cell Activation"
Fridgeir Borkur Hansen	Educational Administration	"Secondary School Reorganization in Iceland: A Policy Analysis"
Fazal Korkut	Political Science	"Comparative Case Analysis of United States Crisis Diplomacy: Cyprus 1963-64 and 1974"
Naldo Lombardi	Romance Languages	"Interioridad de los Personajes en la Literatura Medieval"
Ramjeet Singh Pemsingh	Anatomy and Cell Biology	"Epithelial Involvement in Cholelithiasis in Ground Squirrels"
Helen Leighton Tyson	Zoology	"The Structure and Development of the Anuran Breast-Shoulder Apparatus, Forelimb, and Associated Musculature"

Surplus Equipment

The equipment appearing in this column is available only to University departments with University-administered funds. For more information, telephone Jody Brookwell or Roy Bennett, 432-3208.

Wanted: Transformer, 1000 watt, 50/60 hertz, 110V to 220V
W.R. Kaufman, Department of Zoology, 432-2538.

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Food Services Manager

The University of Alberta's Food Services includes two board programs, catering, special functions, concessions and cash sales in 20 operations which serve approximately 20,000 customers a day. We are seeking a manager for our Lister Dining Hall which involves our main catering and special functions operation, our commissary and our largest board operation. Revenue in 1987-88 will exceed \$1.8 million. The Lister Dining Hall Manager supervises 40 regular staff and up to 125 hourly staff within the provisions of the Collective Agreement. The manager prepares the yearly budget, reconciles financial statements, controls inventory and expenses, works with residence students and supervises a small store and a student pub.

We are seeking a senior food services professional with a degree or diploma in Hotel/Restaurant Administration and at least five years of food service management experience. The incumbent must have a strong background in financial management, marketing, production, catering, etc.

Salary range: \$29,996 to \$44,996 per annum. The University also offers an attractive and comprehensive benefits package.

Please apply by 27 May to: The Director, Housing and Food Services, University of Alberta, 44 Lister Hall, Edmonton, T6G 2H6.

Faculty Service Officer, Population Research Laboratory (PRL), Department of Sociology

Applications are invited for a contract-limited position in the Population Research Laboratory starting immediately and going until 30 April 1988.

Job description: The FSO is expected to assist in the development of research study designs and in the writing of grant proposals. He/she will also be involved in the management of research activities, data analysis and report writing.

Qualifications: The applicant should have a PhD in Sociology (or equivalent) with extensive survey research experience. Knowledge of statistics and computer applications to social data analysis is essential. Experience with microcomputer graphics would be an asset.

Salary: Up to \$31,000 depending on qualifications.

Send application to: Dr. L.W. Kennedy, Director, Population Research Laboratory, Department of Sociology, University of Alberta, T6G 2H4. Enclose a copy of *vitae* and references.

Administrative Officer, Department of Zoology

Applications are invited for the position of Administrative Officer, Department of Zoology. The department is a large teaching and research department in the Faculty of Science.

Duties include administrative assistance to the Chairman, budget responsibilities (operating, capital and trust), personnel management, timetabling, student counselling, and assistance to various departmental committees.

This is an Administrative and Professional Officer position, reporting directly to the Chairman with salary commensurate with qualifications and experience—current minimum salary (under review) is \$29,386.

Applications, including a résumé and the names of three referees, should be forwarded to: Dr. R.E. Peter, Chairman, Department of Zoology, University of Alberta, Edmonton, Alberta T6G 2E9.

The date of appointment is 1 June 1987 or as soon as possible thereafter. The deadline for receipt of applications is 20 May 1987.

Department of Educational Administration

The Department of Educational Administration invites applications for a tenure-track position at the Assistant Professor rank. Salary range is \$31,162 to \$45,340 with emphasis upon the lower end of the range. Appointment for 1 September 1987.

Applicants will be expected to demonstrate exceptional scholarly promise.

Consideration will be given to applicants who possess a strong interest in advancing theoretical developments in Educational Administration. Preference will be given to those who can present a well-planned research program, show success in research publication, and otherwise demonstrate knowledge of research design and procedures.

The applicant's preparation should provide evidence of sufficient breadth and depth to demonstrate suitability for teaching in at least two of the specialized areas of Educational Administration.

Applicants will forward the following materials:

1. A letter of application.
2. A brief statement of how the applicant meets the above criteria.
3. A transcript of courses in the applicant's graduate programs.
4. A copy of the title page and the abstract of the applicant's PhD dissertation.
5. A recent *curriculum vitae*.
6. Copies of published articles and other relevant documents.
7. Names and current addresses of three referees.

These materials should be directed to Dr. C.S. Bumbarger, Chairman, Department of Educational Administration, University of Alberta, Edmonton, Alberta T6G 2G5.

The closing date is 15 July 1987; all documentary material must have been received by that date.

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are

filled on an on-going basis, these vacancies cannot be guaranteed beyond 1 May 1987. For a more up-to-date listing, please consult the weekly *Employment Opportunities Bulletin* and/or the postings in *PSSR*.

Administrative Clerk (Term - 2 July-31 December), Music, (\$1,522-\$1,945)
Departmental/Executive Secretary, Personnel Services and Staff Relations, (\$1,716-\$2,208)
Departmental/Executive Secretary (Term - 3 August-1 February), Music, (\$1,716-\$2,208)
Technician I (Trust), Pharmacy (Slowpoke Facility), (\$1,580-\$2,027)
Technician I (Trust), Physiology, (\$1,580-\$2,027)
Technician I (Trust), Animal Science, (\$1,580-\$2,027)
Biochemistry Technician II/Biochemistry Technologist I (Trust), Biochemistry (\$1,791-\$2,510)
Dental Technician III, Restorative Dentistry, (\$2,208-\$2,861)
Programmer Analyst II, Forest Science, (\$2,304-\$2,992)

For vacant Library positions, telephone 432-3339.

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For further information, contact Ilze Hobin, Population Research Laboratory, University of Alberta, or phone (403) 432-4659.

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